Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 06 Jan 2021 until 23:59 on Thursday 07 Jan 2021

Forecast Issued on Wednesday 06 Jan 2021 at 03:03

Confidence: High for cold conditions to continue for the next few days. The main uncertainty will be the timing and intensity of snow arriving on Thursday and timing of light snow late Saturday.

Headline for Wednesday 06 Jan 2021: Wintry showers easing with sunny spells developing. Winds easing.

Mountain weather hazards on Wednesday 06 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Cloudy	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
80%	60%	30%	20%	10%	<05%

Forecast for Wednesday 06 Jan 2021

Weather: A cloudy morning with a few sleet or snow showers, most frequent across eastern hills. Showers will die away through the afternoon to become increasingly bright, with sunny spells developing. Remaining dry and clear for the evening but some valley fog patches and a widespread frost developing.

Chance of cloud free mountain/hill tops above 600m: 20% overnight and morning, becoming 80% in afternoon.

Visibility: Poor during the morning, with neighbouring hills often obscured in cloud as low as 500m and snow showers. Improving through the afternoon as cloud lifts, becoming excellent at all elevations. Patchy valley fog in evening.

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Forecast for Wednesday 06 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 NE	8/12 NE	9/12 NE	6/8 N	5/9 N	3/5 N	3/7 NW
300	7/16 NE	6/13 N	6/12 N	4/9 N	5/10 N	4/6 N	4/7 NW
Valley	6/18 NE	4/13 NE	4/9 N	3/7 N	3/6 NE	2/3 NE	2/3 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-6	-1/-6	-2/-5	-3/-6	-3/-6	-3/-6
300	0/-3	0/-3	1/-2	1/-2	-2/-5	-2/-5	-3/-6
Valley	1/-2	1/-2	3/1	2/1	-1/-3	-2/-4	-3/-5
Freezing Level*	300m	300m	300m	300m	200m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe wind chill at height, particularly in the morning, but winds easing in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 06 Jan 2021	0.8mm	1.4mm	3.6mm

Forecast for Thursday 07 Jan 2021

Weather: Dry with clear spells and freezing fog patches overnight. A dry and bright morning but cloud soon thickening in the afternoon with outbreaks of snow arriving from the north. The band will be fragmented but a brief heavy spell is still possible. Dry and clear conditions arriving from the north in during the evening.

Maximum wind: West or NW becoming NE, 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 80% overnight and morning, becoming 10% as snow arrives in afternoon.

Visibility: Mainly excellent in morning but patchy valley fog will be slow to clear. Turning very poor at most elevations through the afternoon with low cloud developing above 300 or 400m. Improving through evening as cloud lifts.

Temperature: **Valleys:** Minus 4 or 5C rising to Plus 2C.
At 600m: Minus 2C.
Freezing level: Ground mainly frozen down to valley level.

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